

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135952.D
 Acq On : 25 Oct 2023 20:59
 Operator : CG\JU
 Sample : PB156436TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156436TB

Quant Time: Oct 26 04:33:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	173591	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	683200	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	345326	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	640889	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	468251	20.000	ng	-0.01
86) Perylene-d12	15.486	264	392937	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1346439	119.771	ng	0.01
7) Phenol-d6	6.451	99	1688111	120.618	ng	0.00
23) Nitrobenzene-d5	7.387	82	961506	90.205	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	423602	140.144	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1820282	84.405	ng	0.00
79) Terphenyl-d14	12.951	244	2151546	76.770	ng	0.00

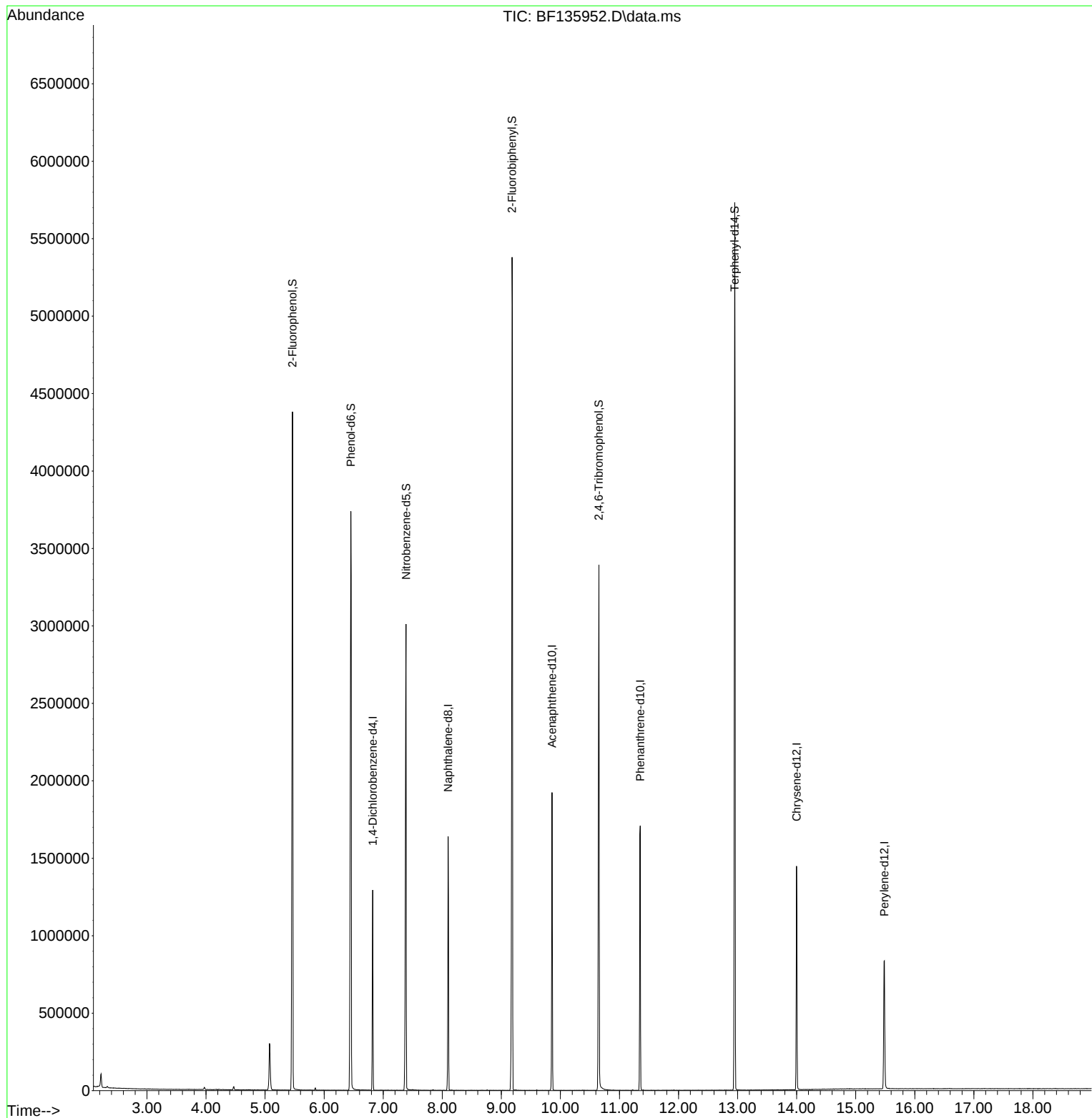
Target Compounds	Qvalue

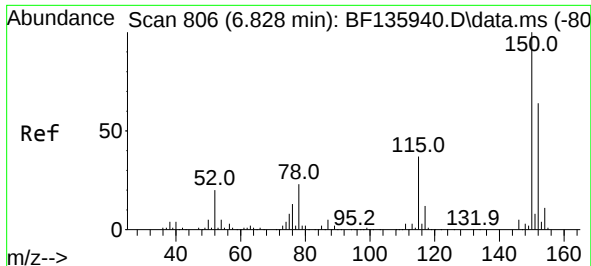
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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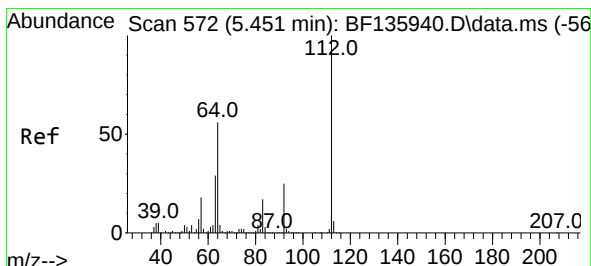
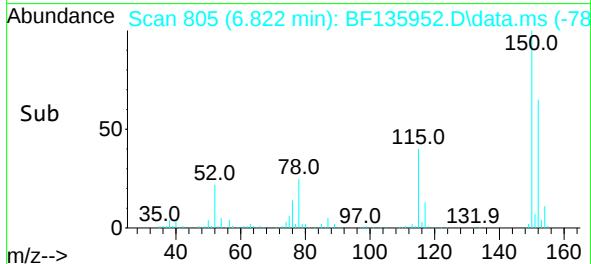
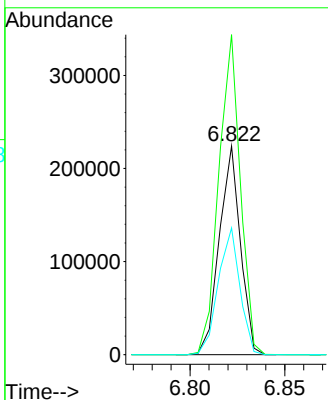
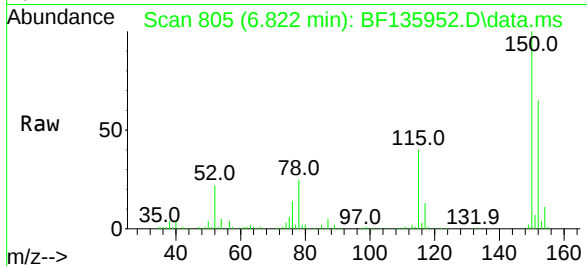




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF135952.D
Acq: 25 Oct 2023 20:59

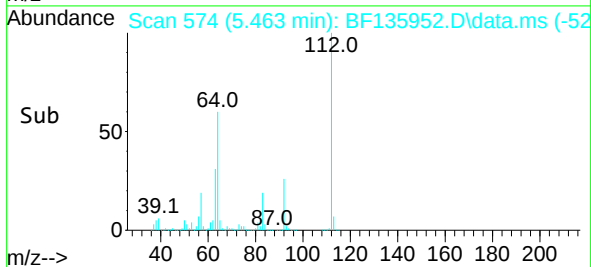
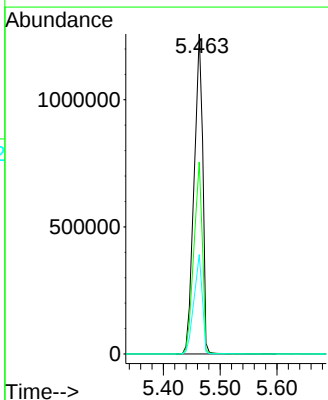
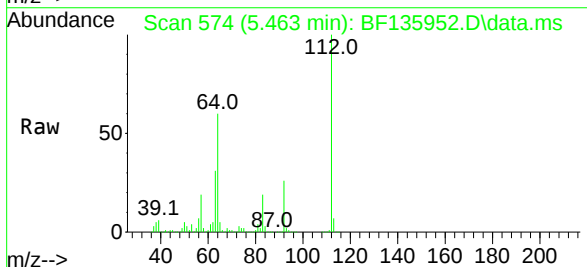
Instrument :
BNA_F
ClientSampleId :
PB156436TB

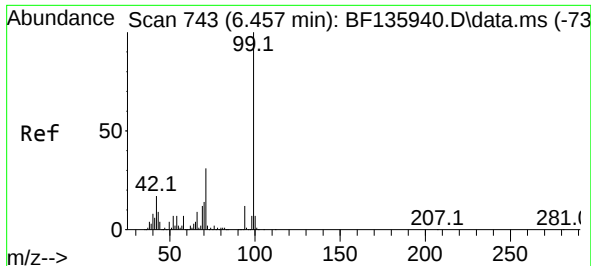
Tgt Ion:152 Resp: 173591
Ion Ratio Lower Upper
152 100
150 153.4 124.6 186.8
115 60.7 46.6 69.8



#5
2-Fluorophenol
Concen: 119.771 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.012 min
Lab File: BF135952.D
Acq: 25 Oct 2023 20:59

Tgt Ion:112 Resp: 1346439
Ion Ratio Lower Upper
112 100
64 60.0 45.1 67.7
63 31.1 23.0 34.4

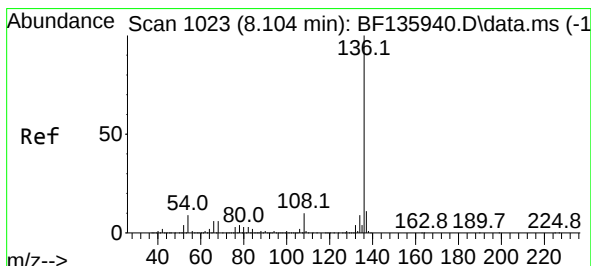
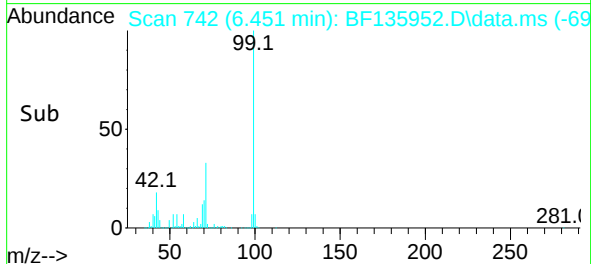
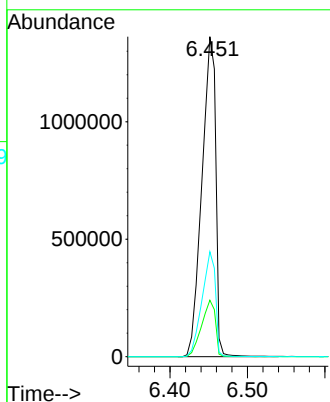
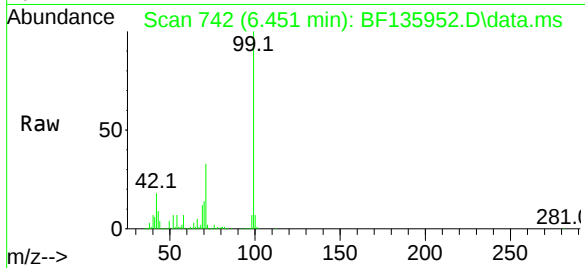




#7
Phenol-d6
Concen: 120.618 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF135952.D
Acq: 25 Oct 2023 20:59

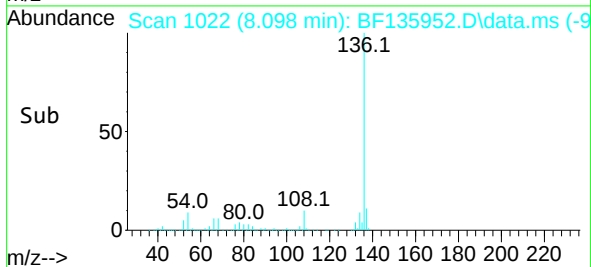
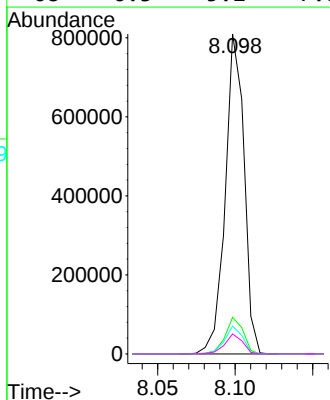
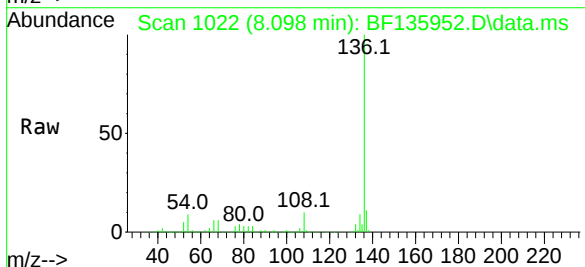
Instrument :
BNA_F
ClientSampleId :
PB156436TB

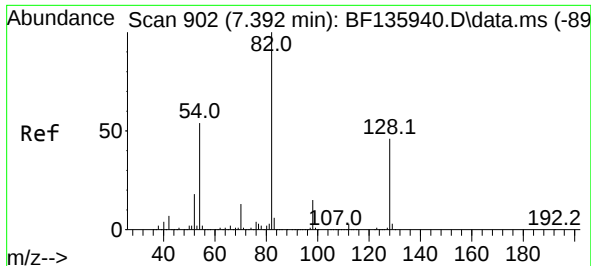
Tgt Ion: 99 Resp: 1688111
Ion Ratio Lower Upper
99 100
42 17.7 13.8 20.8
71 32.8 25.1 37.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF135952.D
Acq: 25 Oct 2023 20:59

Tgt Ion: 136 Resp: 683200
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 8.7 7.1 10.7
68 6.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 90.205 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.005 min

Lab File: BF135952.D

Acq: 25 Oct 2023 20:59

Instrument :

BNA_F

ClientSampleId :

PB156436TB

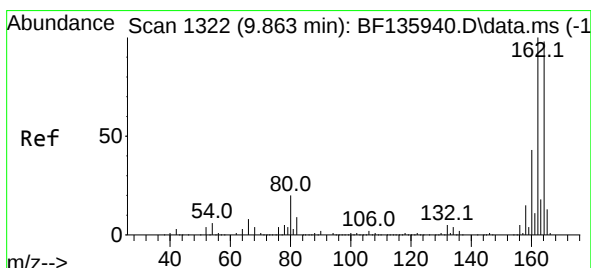
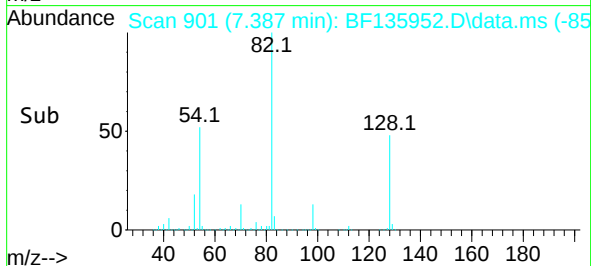
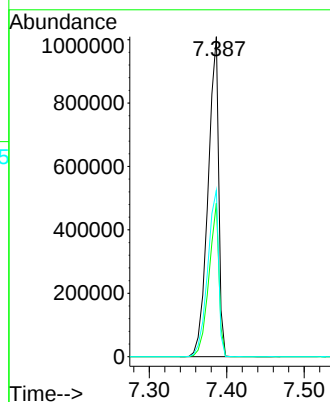
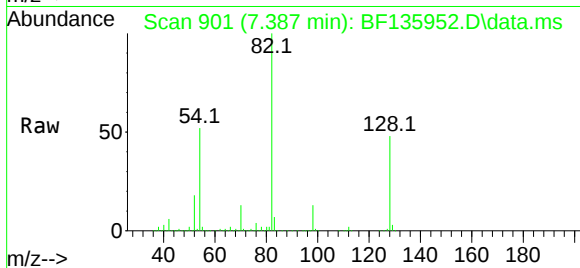
Tgt Ion: 82 Resp: 961506

Ion Ratio Lower Upper

82 100

128 48.0 36.8 55.2

54 52.0 43.4 65.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF135952.D

Acq: 25 Oct 2023 20:59

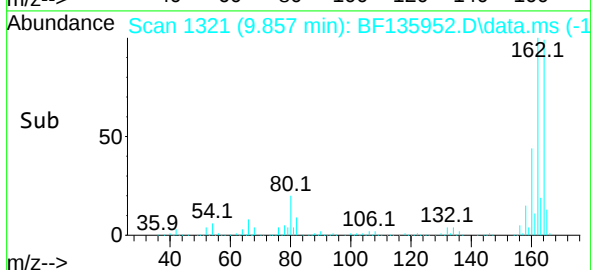
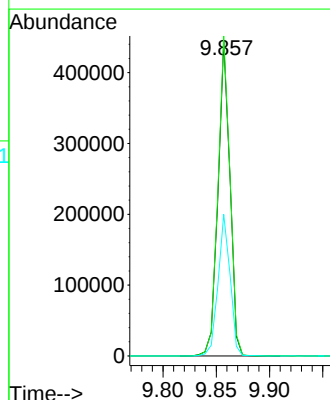
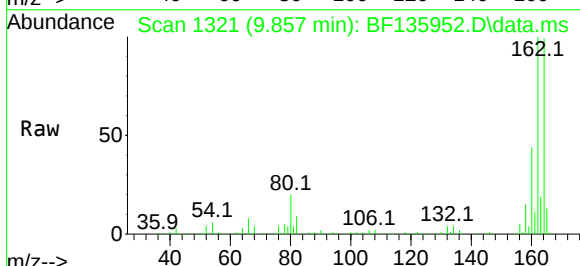
Tgt Ion: 164 Resp: 345326

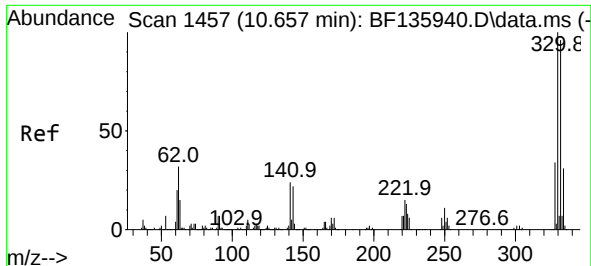
Ion Ratio Lower Upper

164 100

162 101.4 82.0 123.0

160 44.9 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 140.144 ng

RT: 10.651 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF135952.D

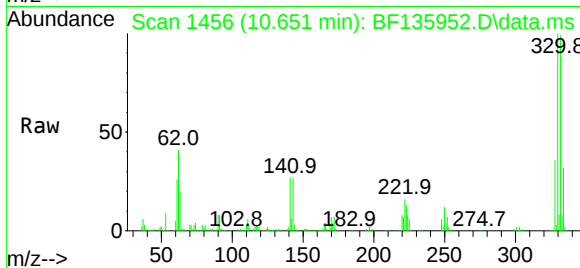
Acq: 25 Oct 2023 20:59

Instrument :

BNA_F

ClientSampleId :

PB156436TB



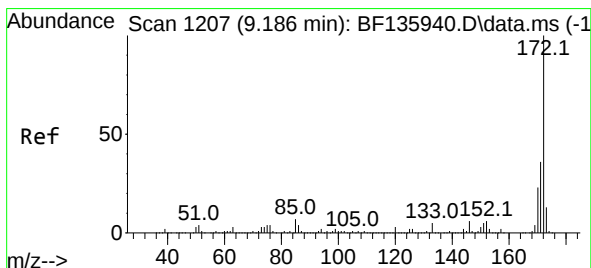
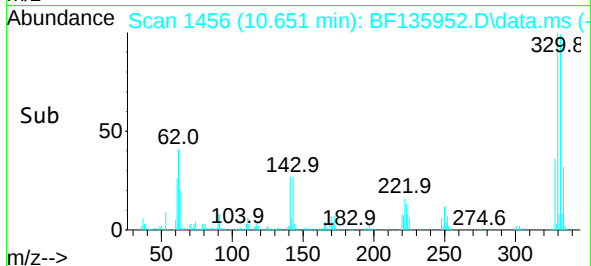
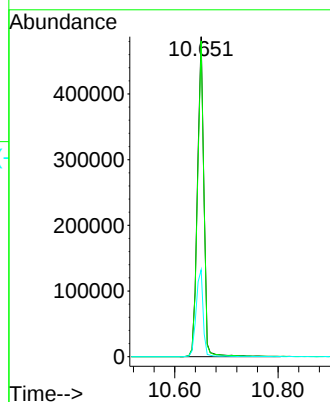
Tgt Ion:330 Resp: 423602

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

141 29.3 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 84.405 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF135952.D

Acq: 25 Oct 2023 20:59

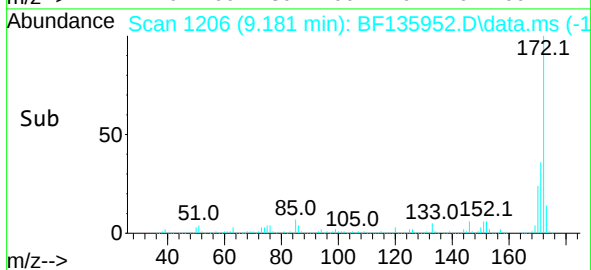
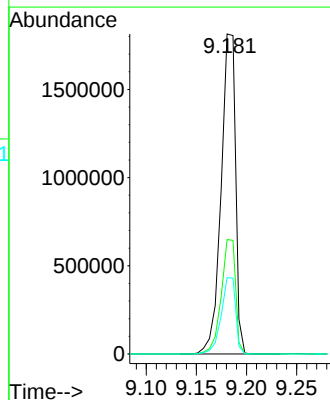
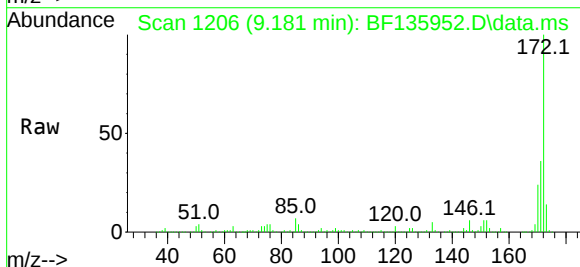
Tgt Ion:172 Resp: 1820282

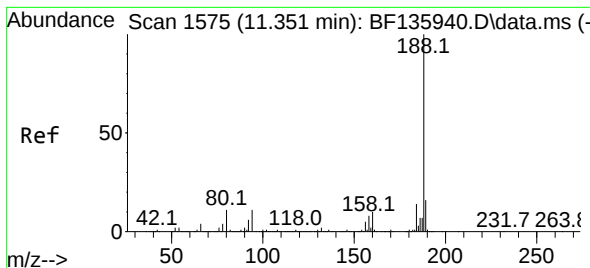
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.8 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135952.D

Acq: 25 Oct 2023 20:59

Instrument :

BNA_F

ClientSampleId :

PB156436TB

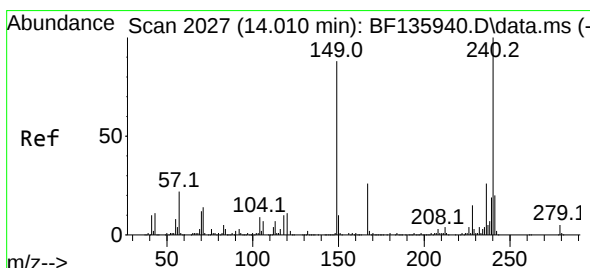
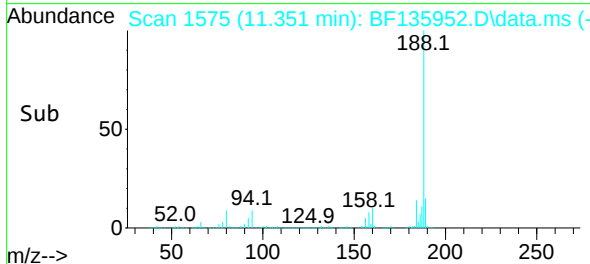
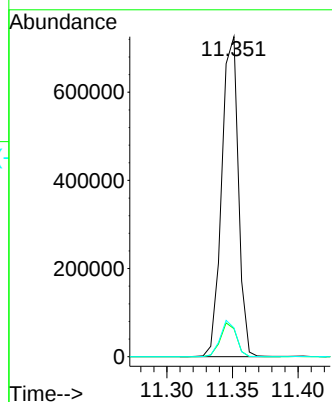
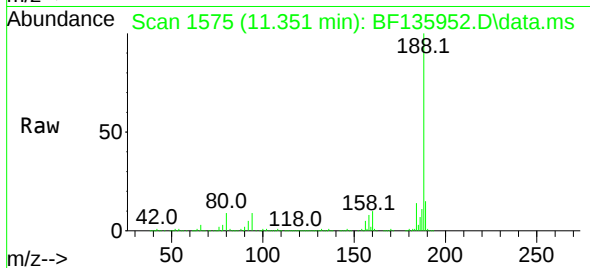
Tgt Ion:188 Resp: 640889

Ion Ratio Lower Upper

188 100

94 8.7 8.6 13.0

80 9.0 9.0 13.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.012 min

Lab File: BF135952.D

Acq: 25 Oct 2023 20:59

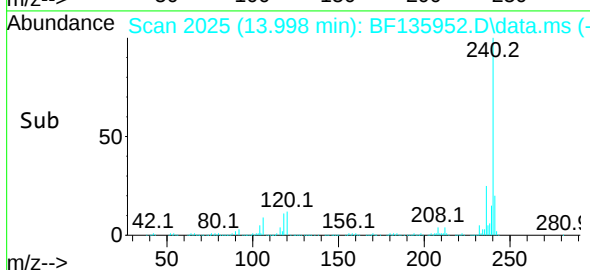
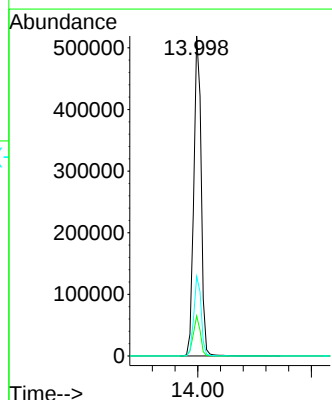
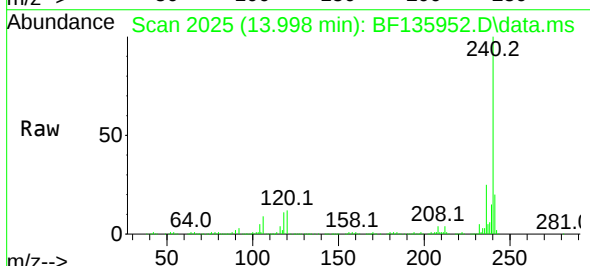
Tgt Ion:240 Resp: 468251

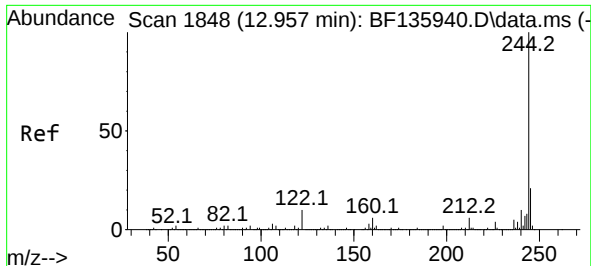
Ion Ratio Lower Upper

240 100

120 12.5 8.6 13.0

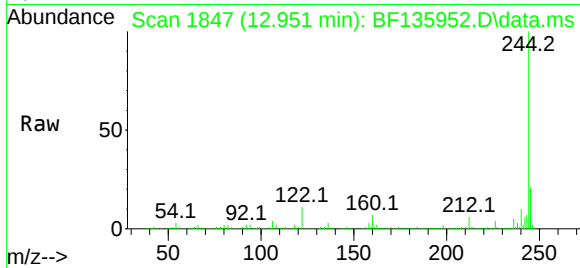
236 24.8 20.6 30.8



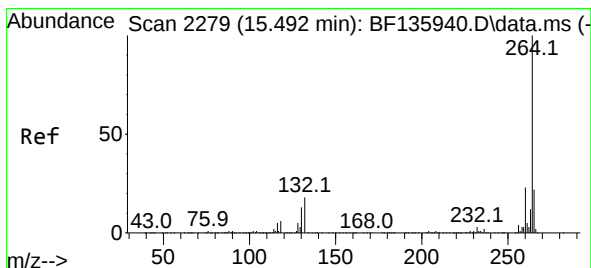
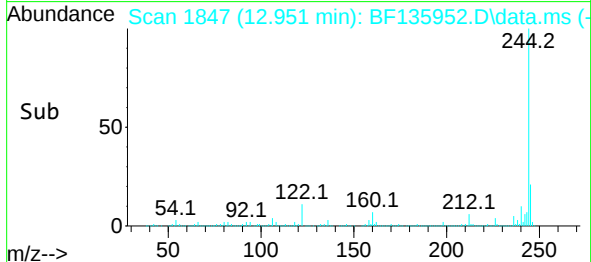
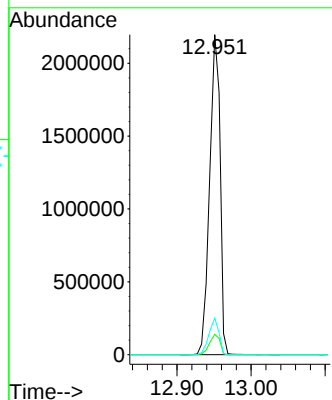


#79
 Terphenyl-d14
 Concen: 76.770 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135952.D
 Acq: 25 Oct 2023 20:59

Instrument :
 BNA_F
 ClientSampleId :
 PB156436TB



Tgt Ion:244 Resp: 2151546
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.6
 122 11.4 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF135952.D
 Acq: 25 Oct 2023 20:59

Tgt Ion:264 Resp: 392937
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.0 17.3 25.9

